

Leading the Launch



IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY

*Delivering a payload of
responsive technologies*



Technology Deployment



HOME OF SCIENCE AND ENGINEERING SOLUTIONS



ROVER 400 Video Inspection Robot

Problem

INEEL's Power Burst Facility/Auxiliary Reactor Area Remediation project needed to identify the source of seasonal water flow from an out-of-service drain line.

Baseline Technology

Excavation and visual examination.

Innovative Technology

The ROVER 400 Video Inspection Robot is a tethered crawler designed for visual inspection of horizontal sections of 4" diameter pipe.

Comparison

This crawler enabled visual inspection of drain line integrity, eliminating the need for excavation.

Benefits

This crawler enabled the project to confirm the source of seasonal groundwater infiltration into the drain line.